

4226 – POTASSIUM BICARBONATE, AR GRADE

REF NO: TBL/QA/SS/LC/4226	STANDARD SPECIFICATION FOR POTASSIUM BICARBONATE, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 04/02/2025
Issue Date: 05/02/2022		Product code: 4226

PRODUCT PROPERTIES

C.A.S Number	298-14-6
Chemical Formula	KHCO ₃
Formula weight	100.115
Functional Uses	NA
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1% aq. solution)	8.0 - 8.6
Chloride (Cl)	NMT – 0.001%
Sulphate (SO ₄)	NMT – 0.003%
Iron (Fe)	NMT – 0.0002%
Phosphate (PO ₄)	NMT – 0.0005%
Calcium (Ca)	NMT – 0.002%
Magnesium (Mg)	NMT – 0.001%
Sodium (Na)	NMT – 0.5%
Heavy Metals (Pb)	NMT – 0.0001%
Assay	NLT – 99.5%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

